Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031920\

Quantitation Report (Not Reviewed)

Data File : VU037341.D
Acq On : 19 Mar 2020 15:08
Operator : JC/MD
Sample : L1983-03RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AA7RE

Quant Time: Mar 20 02:01:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	154265	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	155469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	75772	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	2365	0.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 5.80%#			
7) Chloroethane-d5	1.93	69	44403	6.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 123.60%			
11) 1,1-Dichloroethene-d2	2.59	63	51329	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	4.67	46	112734	46.43	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.86%			
24) Chloroform-d	5.11	84	99107	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
26) 1,2-Dichloroethane-d4	5.74	65	54892	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.76	84	176913	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.40%			
36) 1,2-Dichloropropane-d6	6.72	67	55776	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.93	98	101235	3.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.20%#			
43) trans-1,3-Dichloropropene-	8.20	79	19325	4.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.40%			
46) 2-Hexanone-d5	8.66	63	86610	40.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.74%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44318	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	12.21	152	63683	5.15	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	5117	0.292	ug/L	100
13) Acetone	2.66	43	5982	2.913	ug/L	100
14) Carbon disulfide	2.82	76	4919	0.154	ug/L #	95
15) Methyl Acetate	2.79	43	2435	0.516	ug/L #	55
16) Methylene chloride	3.08	84	1145	0.096	ug/L #	79
17) Methyl tert-butyl Ether	3.40	73	14462	0.509	ug/L	97
25) Chloroform	5.13	83	78626	3.364	ug/L	97
35) Methylcyclohexane	6.73	83	13621	0.706	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	6783	0.549	ug/L #	88
38) Bromodichloromethane	7.14	83	22655	1.304	ug/L	95
39) cis-1,3-Dichloropropene	7.59	75	1570	0.085	ug/L #	47
49) Dibromochloromethane	8.84	129	15146	1.304	ug/L	96
61) Bromoform	10.31	173	2238	0.335	ug/L #	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Mar 20 02:01:28 2020
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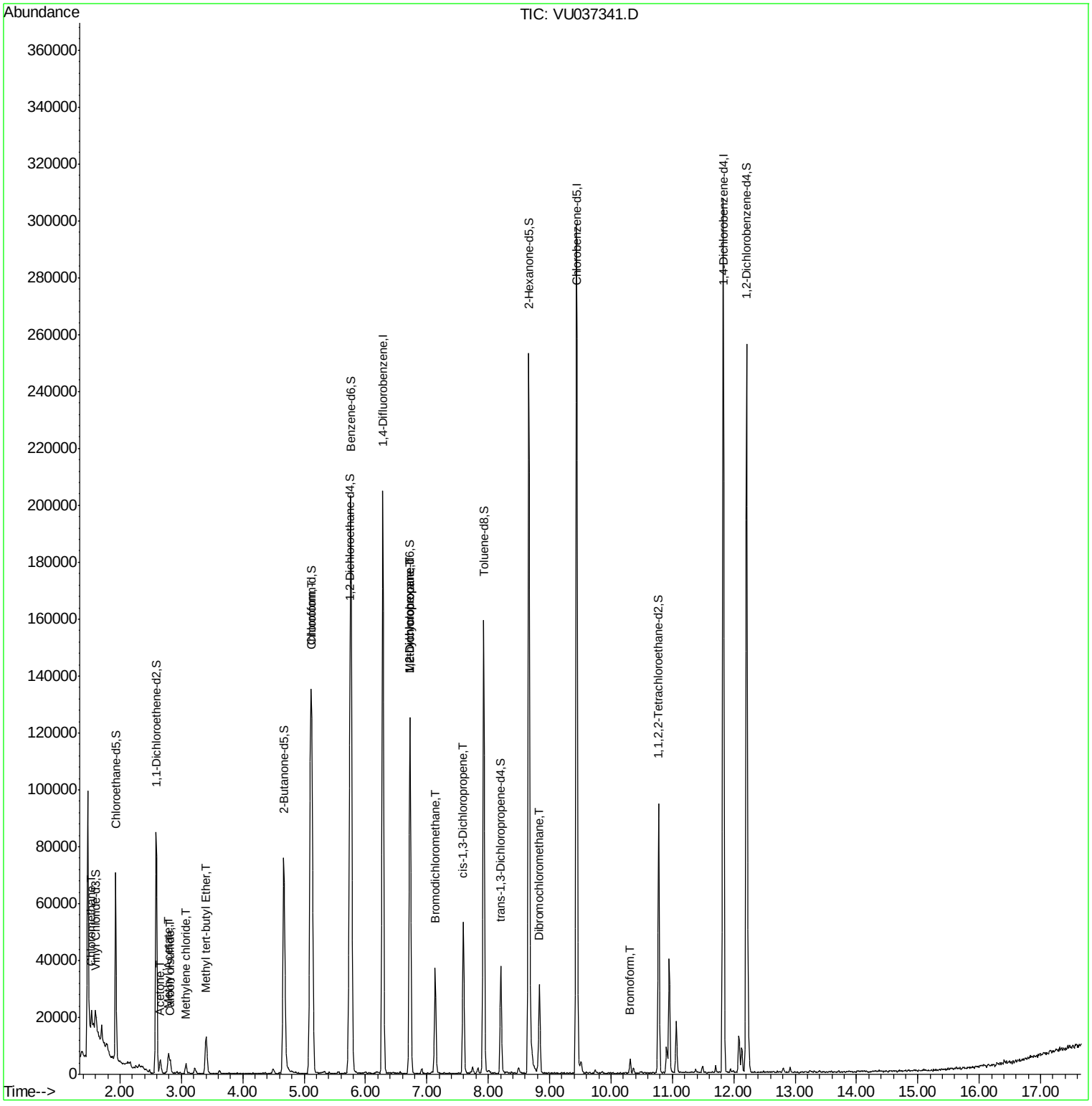
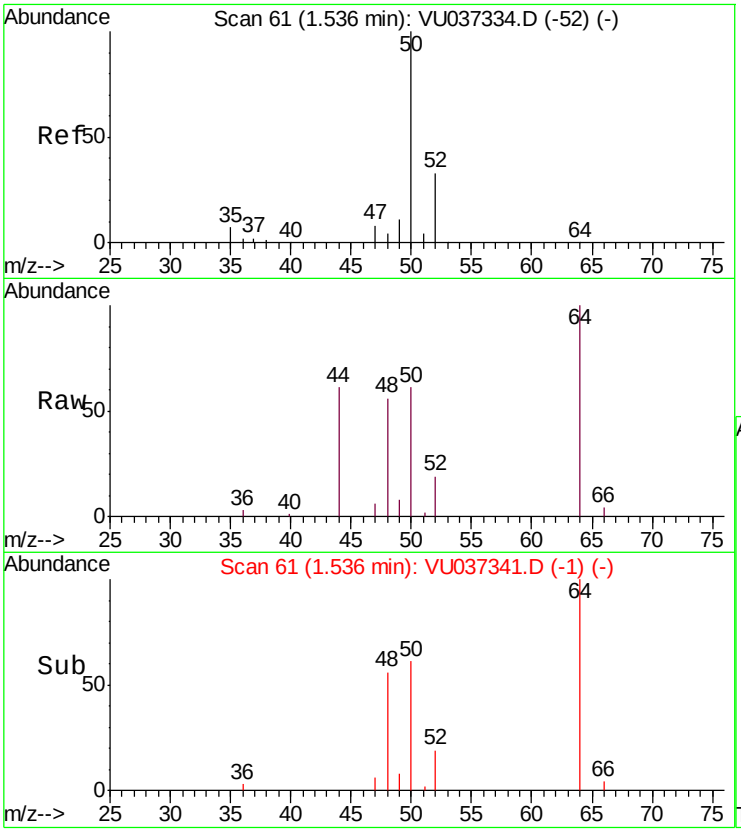
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration



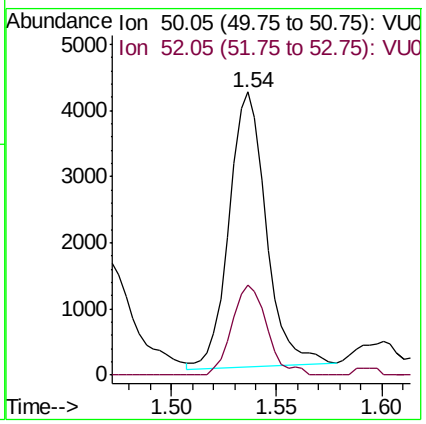


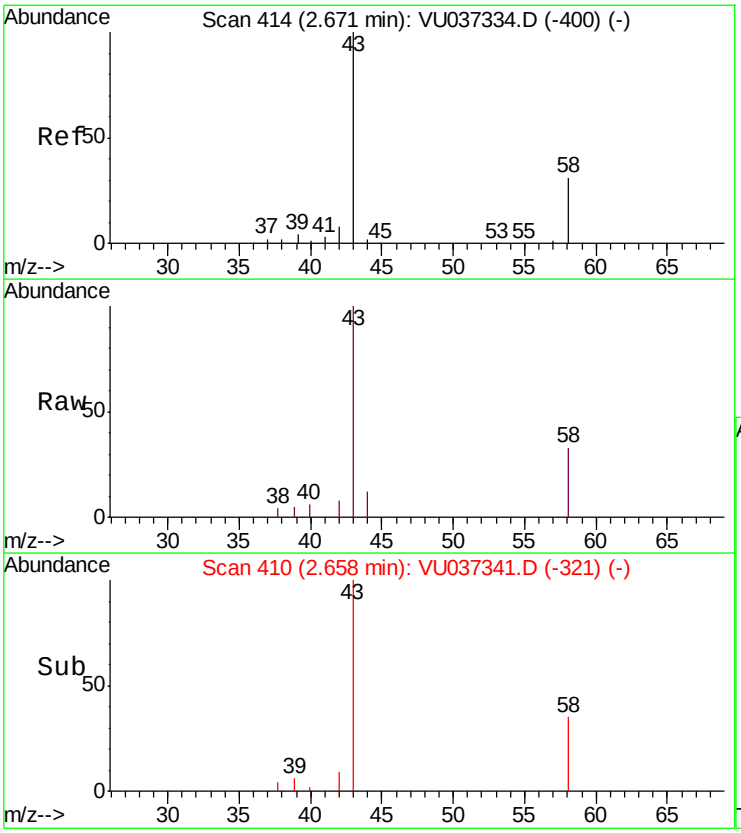
#3
Chloromethane
Concen: 0.292 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
C0AA7RE

Tgt Ion: 50 Resp: 5117

Ion	Ratio	Lower	Upper
50	100		
52	31.7	22.3	41.5

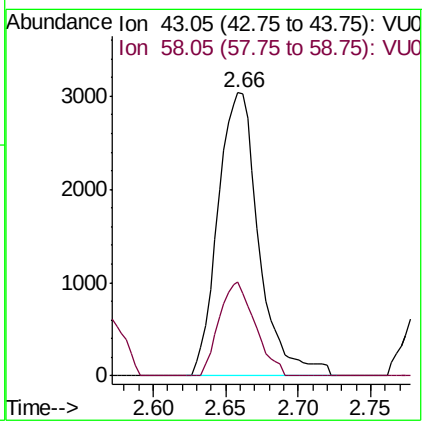


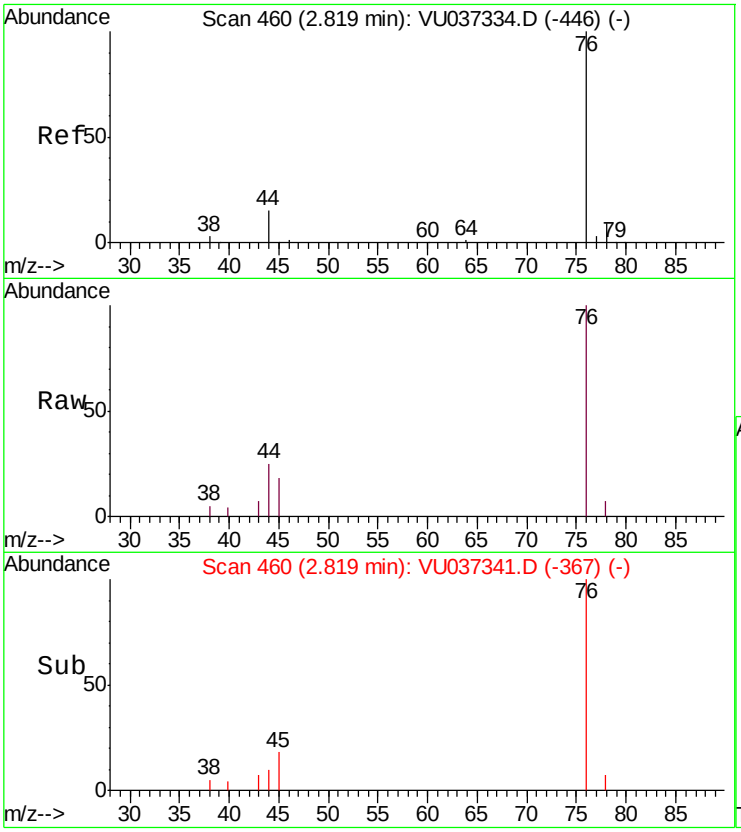


#13
Acetone
Concen: 2.913 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.01 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Tgt Ion: 43 Resp: 5982

Ion	Ratio	Lower	Upper
43	100		
58	29.0	0.0	58.0



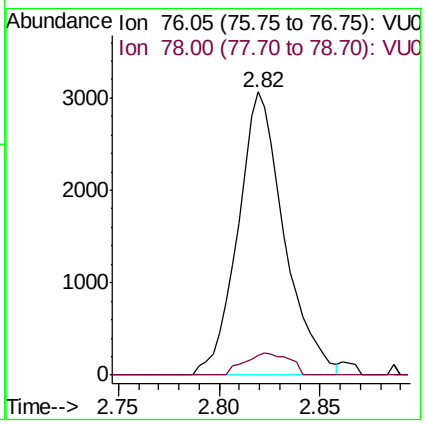


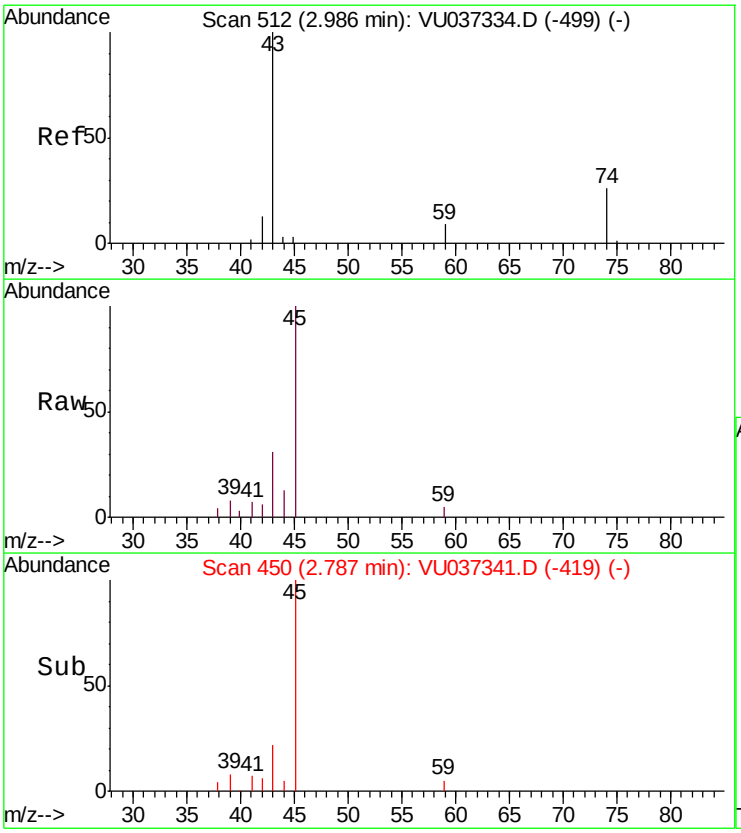
#14
Carbon disulfide
Concen: 0.154 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Instrument : MSVOA_U
ClientSampleId : C0AA7RE

Tgt Ion: 76 Resp: 4919

Ion	Ratio	Lower	Upper
76	100		
78	6.9	7.1	10.7#

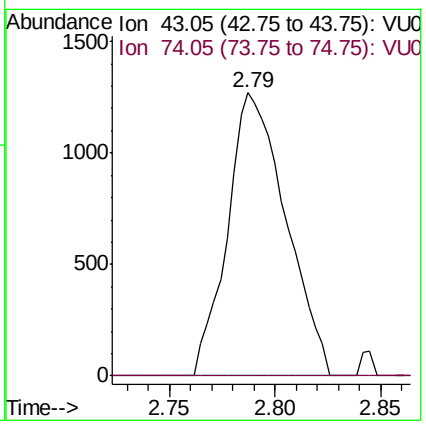


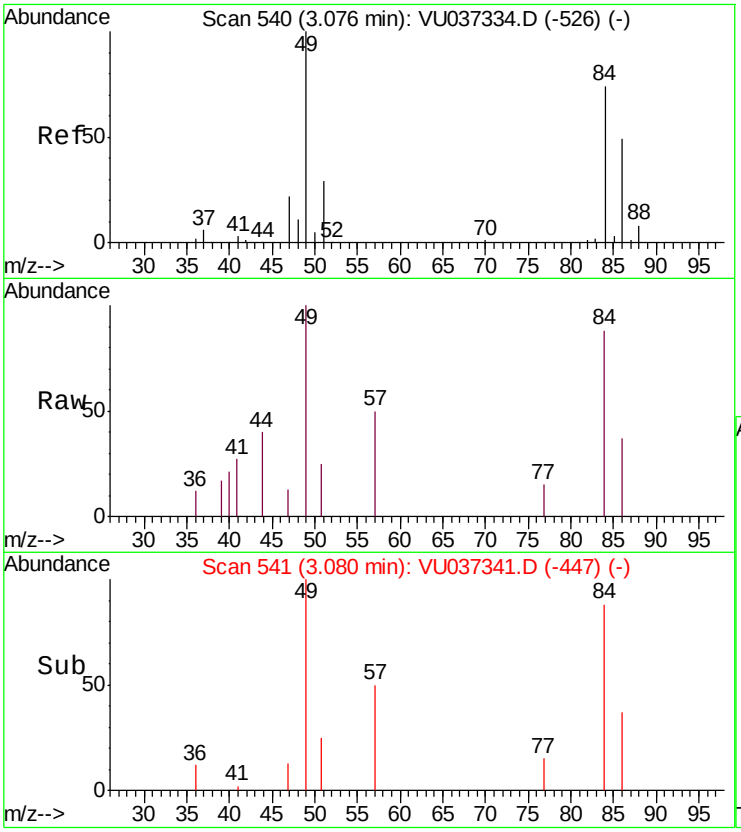


#15
Methyl Acetate
Concen: 0.516 ug/L
RT: 2.79 min Scan# 450
Delta R.T. -0.20 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Tgt Ion: 43 Resp: 2435

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#



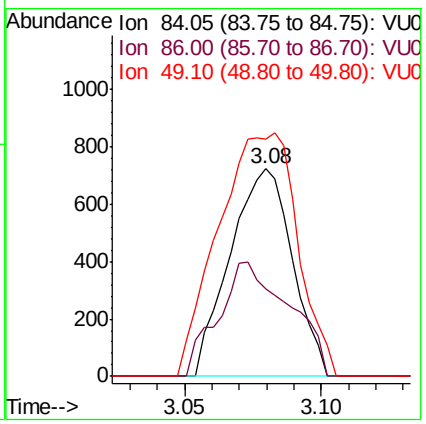


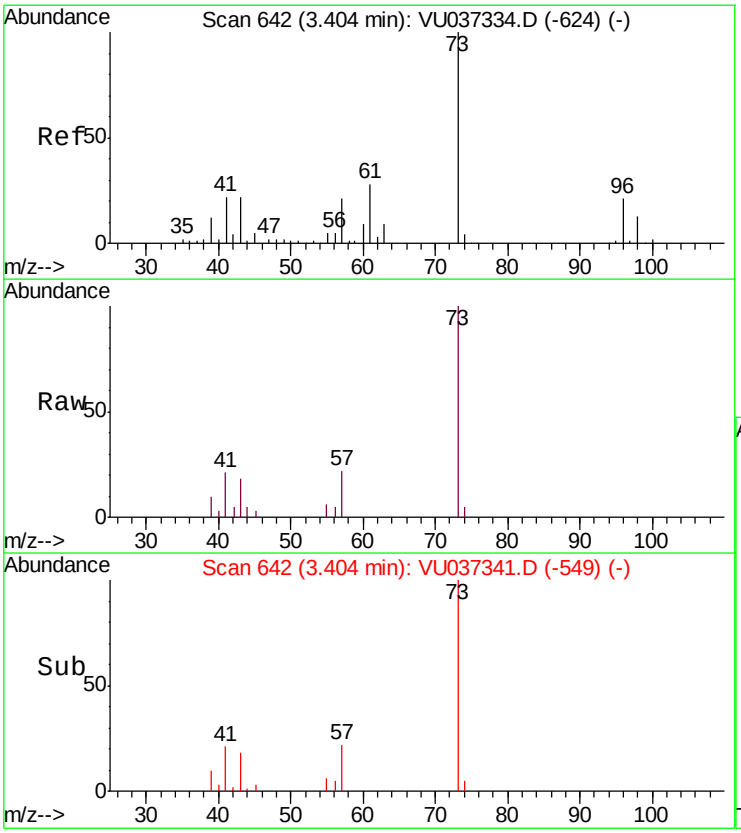
#16
Methylene chloride
Concen: 0.096 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
C0AA7RE

Tgt Ion: 84 Resp: 1145

Ion	Ratio	Lower	Upper
84	100		
86	41.9	45.2	84.0#
49	114.1	94.4	175.4

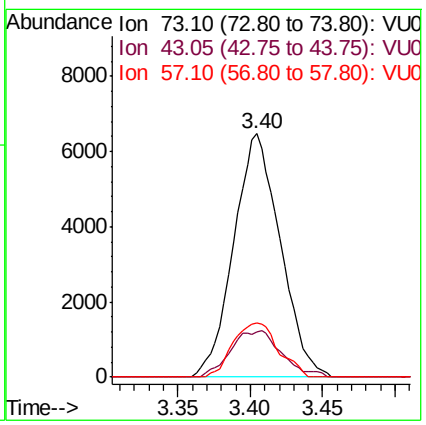


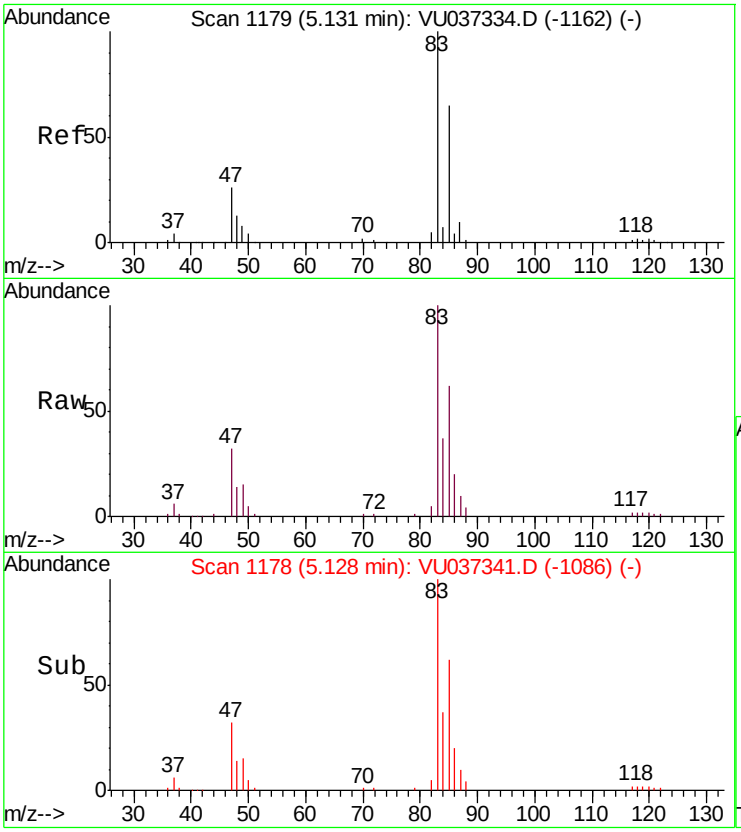


#17
Methyl tert-butyl Ether
Concen: 0.509 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Tgt Ion: 73 Resp: 14462

Ion	Ratio	Lower	Upper
73	100		
43	20.9	18.6	28.0
57	21.9	17.1	25.7



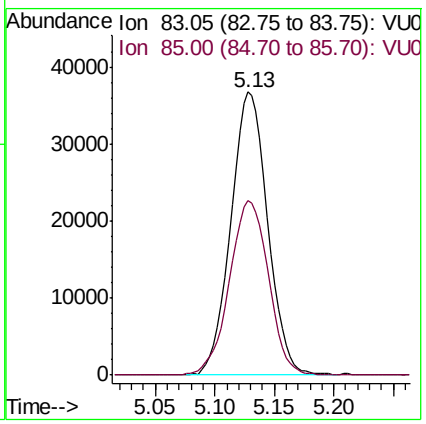


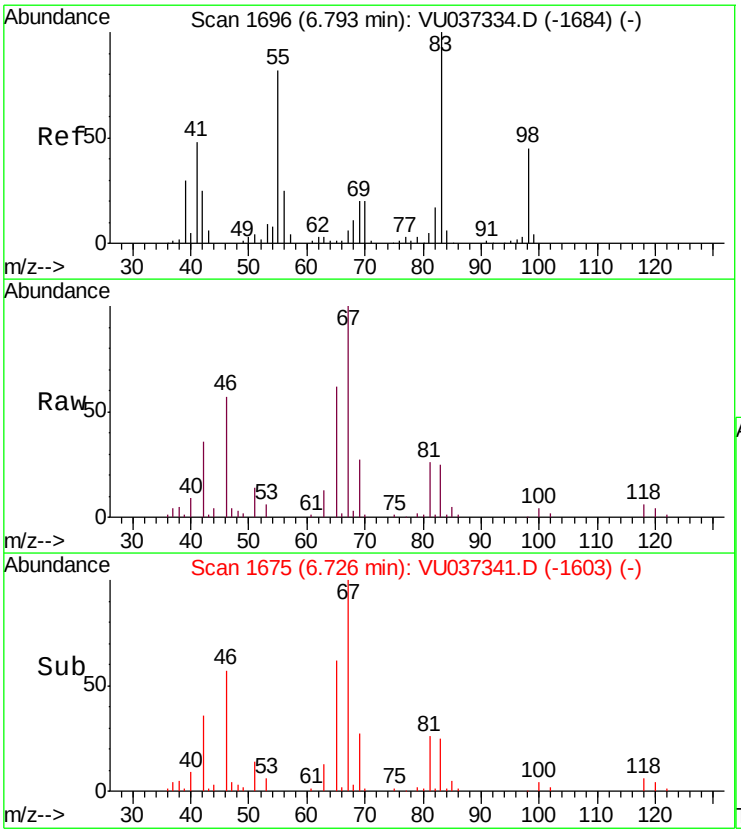
#25
Chloroform
Concen: 3.364 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
C0AA7RE

Tgt Ion: 83 Resp: 78626

Ion	Ratio	Lower	Upper
83	100		
85	61.8	44.7	82.9

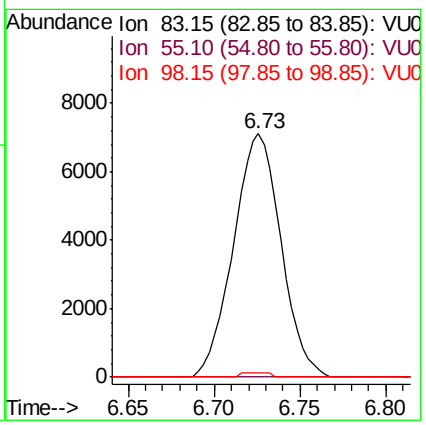


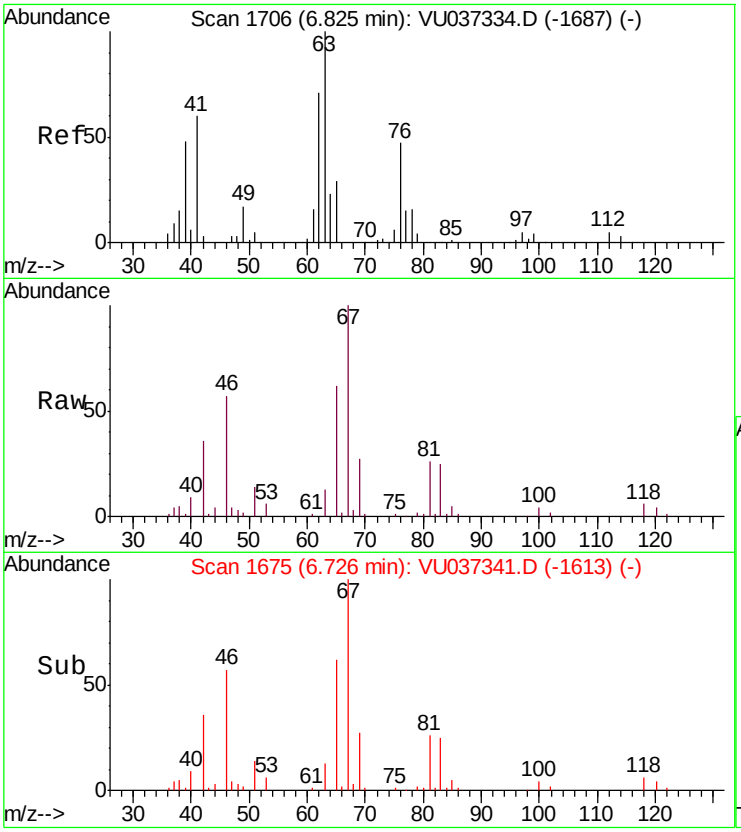


#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Tgt Ion: 83 Resp: 13621

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.0	100.6#
98	1.1	37.4	56.0#



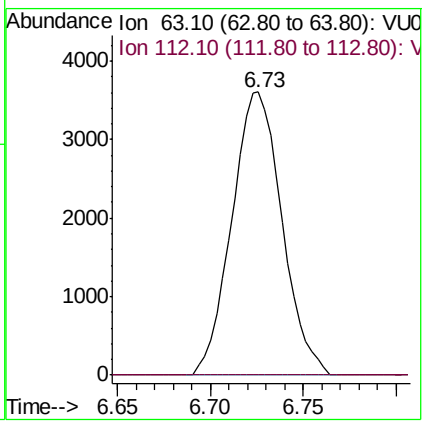


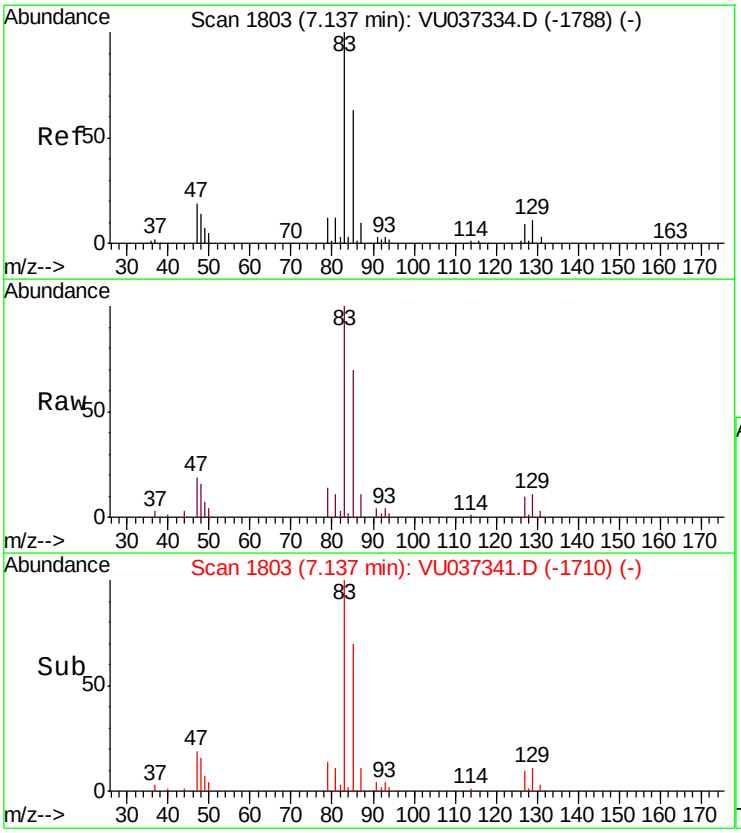
#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
C0AA7RE

Tgt Ion: 63 Resp: 6783

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

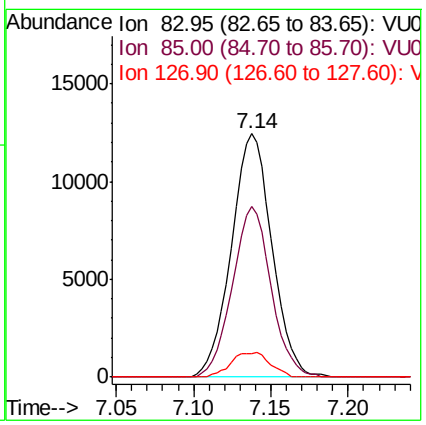


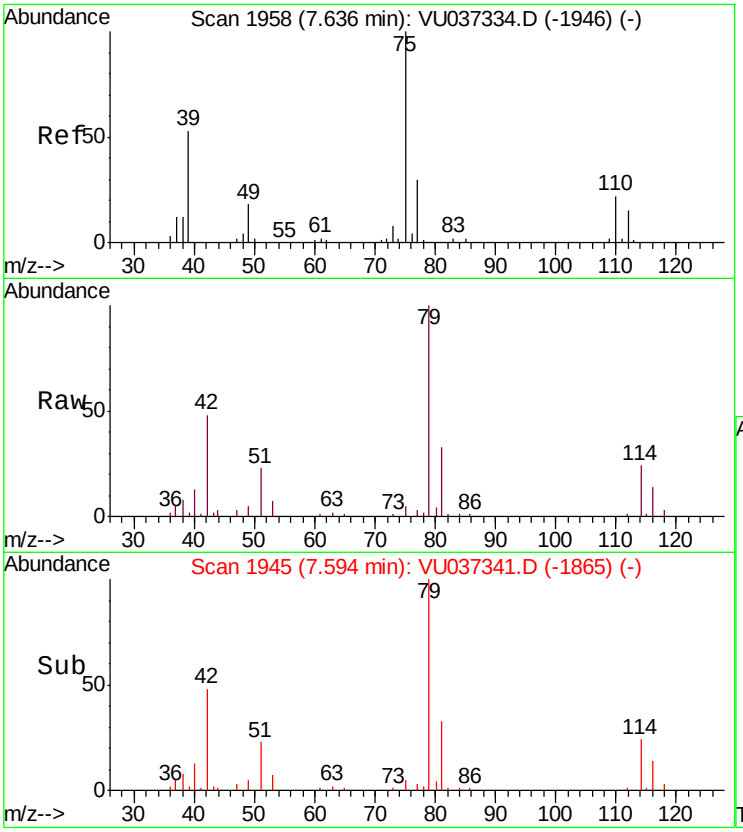


#38
Bromodichloromethane
Concen: 1.304 ug/L
RT: 7.14 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Tgt Ion: 83 Resp: 22655

Ion	Ratio	Lower	Upper
83	100		
85	70.0	45.8	85.0
127	9.7	7.0	10.6



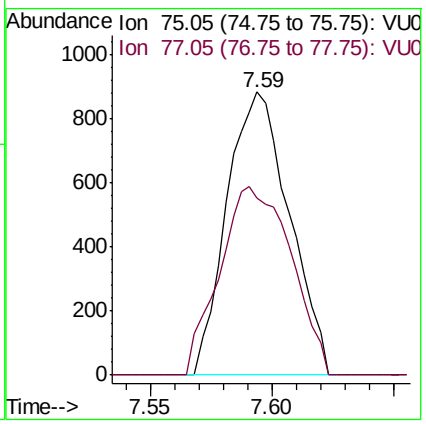


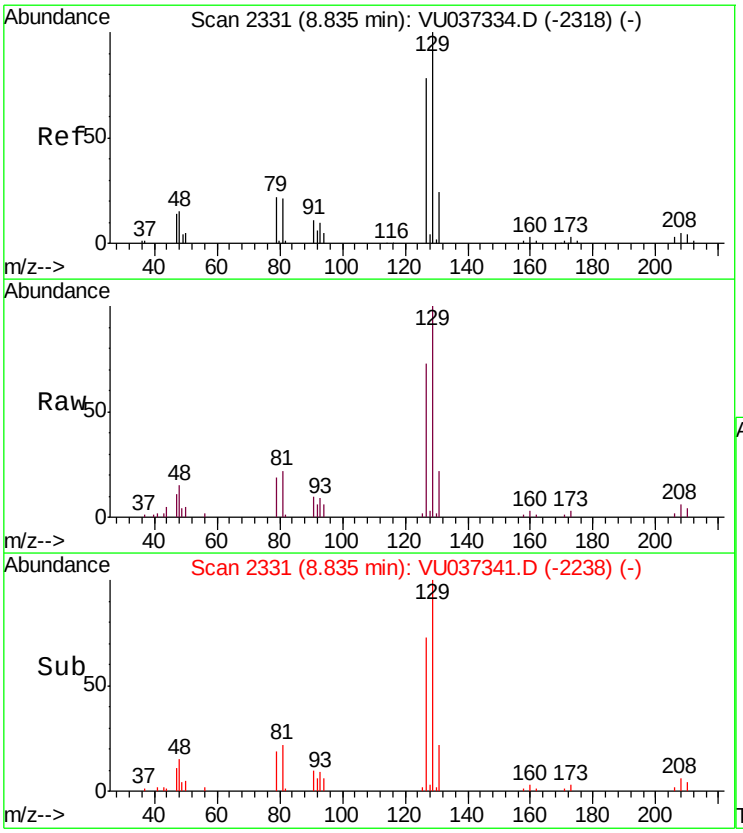
#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
C0AA7RE

Tgt Ion: 75 Resp: 1570

Ion	Ratio	Lower	Upper
75	100		
77	62.7	23.0	42.8#

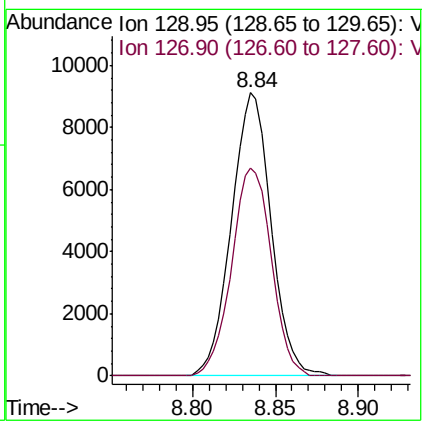


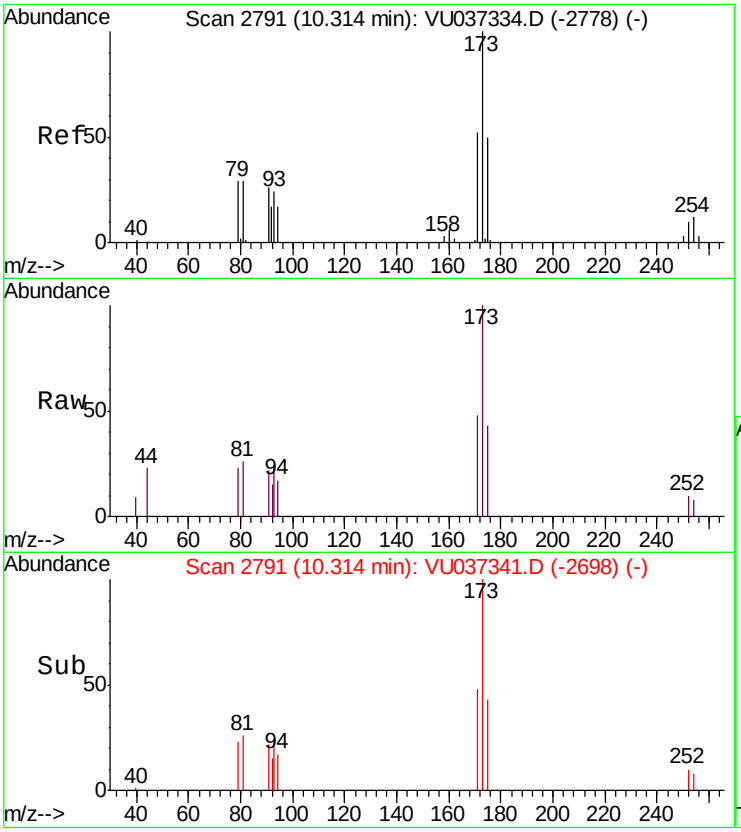


#49
Dibromochloromethane
Concen: 1.304 ug/L
RT: 8.84 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Tgt Ion:129 Resp: 15146

Ion	Ratio	Lower	Upper
129	100		
127	73.5	53.6	99.6





#61
Bromoform
Concen: 0.335 ug/L
RT: 10.31 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VU037341.D
Acq: 19 Mar 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :
C0AA7RE

Tgt Ion:173 Resp: 2238

Ion	Ratio	Lower	Upper
173	100		
175	45.5	38.2	57.2
254	5.1	7.8	11.8#